Berger M.



1600

RAW SEQUENCE LISTING

DATE: 04/30/2003 TIME: 13:04:21

PATENT APPLICATION: US/09/658,6218

Input Set : A:\02-11-14 029395-017.ST25.txt
Output Set: N:\CRF4\04302003\1658621B.raw

3 <110> APPLICANT: Taylor-Papadimitriou, Joyce Heukamp, Lukas Carl Offringa, Rienk Melief, Cornelis Johanna Maria 7 Acres, Bruce 8 Thomas, Mireille 10 <120> TITLE OF INVENTION: MUC-1 derived peptides 12 <130> FILE REFERENCE: 029395-017 14 <140> CURRENT APPLICATION NUMBER: US 09/658,621B 15 <141> CURRENT FILING DATE: 2000-09-08 17 <150> PRIOR APPLICATION NUMBER: US 60/187,215 18 <151> PRIOR FILING DATE: 2000-03-03 20 <150> PRIOR APPLICATION NUMBER: GB 9921242.5 21 <151> PRIOR FILING DATE: 1999-09-08 23 <150> PRIOR APPLICATION NUMBER: EP 99 40 2237.4 24 <151> PRIOR FILING DATE: 1999-09-10 26 <160> NUMBER OF SEQ ID NOS: 80 28 <170> SOFTWARE: PatentIn version 3.1 ENTERED 30 <210> SEQ ID NO: 1 31 <211> LENGTH: 1572 32 <212> TYPE: DNA 33 <213> ORGANISM: Homo sapiens 35 <220> FEATURE: 36 <221> NAME/KEY: CDS 37 <222> LOCATION: (58)..(1542) 39 <400> SEQUENCE: 1 40 gaatteeetg getgettgaa tetgttetge ecceteecca eccattteae caecace 57 42 atg aca ccg ggc acc cag tct cct ttc ttc ctg ctg ctc ctc aca 105 43 Met Thr Pro Gly Thr Gln Ser Pro Phe Phe Leu Leu Leu Leu Thr 44 1 10 46 gtg ctt aca gtt gtt aca ggt tct ggt cat gca agc tct acc cca ggt 153 47 Val Leu Thr Val Val Thr Gly Ser Gly His Ala Ser Ser Thr Pro Gly 20 25 50 gga gaa aag gag act teg get ace cag aga agt tea gtg eec age tet 201 51 Gly Glu Lys Glu Thr Ser Ala Thr Gln Arg Ser Ser Val Pro Ser Ser 35 40 45 54 act gag aag aat get gtg agt atg ace age age gta ete tee age eac 249 55 Thr Glu Lys Asn Ala Val Ser Met Thr Ser Ser Val Leu Ser Ser His 55 60 58 ago ecc ggt tea ggc tec tec acc act cag gga cag gat gtc act etg 297 59 Ser Pro Gly Ser Gly Ser Ser Thr Thr Gln Gly Gln Asp Val Thr Leu 70 75 62 gcc ccg gcc acg gaa cca gct tca gqt tca qct qcc acc tqq qqa caq 345

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/658,621B

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00 200	4.4.1
70 ccg cca gcc cac gat gtc acc tca gcc ccg gac aac aag cca gcc ccg	441
71 Pro Pro Ala His Asp Val Thr Ser Ala Pro Asp Asn Lys Pro Ala Pro	
72 115 120 125	
74 ggc tcc acc gcc ccc ccg gcc cac ggt gtc acc tcg gcc ccg gac acc	489
75 Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr	
76 130 135 140	
78 agg ccg ccc ccg ggc tcc acc gcc ccc gcc gcc cac ggt gtc acc tcg	537
79 Arg Pro Pro Gly Ser Thr Ala Pro Ala Ala His Gly Val Thr Ser	
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00 110	585
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83 Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala His	
84 165 170 175	622
86 ggt gtc acc tcg gcc ccg gac aac agg ccg gcc ttg ggc tcc acc gcc	633
87 Gly Val Thr Ser Ala Pro Asp Asn Arg Pro Ala Leu Gly Ser Thr Ala	
88 180 185 190	
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91 Pro Pro Val His Asn Val Thr Ser Ala Ser Gly Ser Ala Ser Gly Ser	
92 195 200 205	
94 gct tct act ctg gtg cac aac ggc acc tct gcc agg gct acc aca acc	729
95 Ala Ser Thr Leu Val His Asn Gly Thr Ser Ala Arg Ala Thr Thr Thr	
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99 Pro Ala Ser Lys Ser Thr Pro Pro Ser Ile Pro Ser His His Ser Asp	
200 200	825
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107 Thr His His Ser Thr Val Pro Pro Leu Thr Ser Ser Asn His Ser Thr	
108 260 265 270	
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112 275 280 285	
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116 290 295 300	
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119 Tyr Tyr Gln Glu Leu Gln Arg Asp Ile Ser Glu Met Phe Leu Gln Ile	1017
120 303	1065
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123 Tyr Lys Gln Gly Gly Phe Leu Gly Leu Ser Asn Ile Lys Phe Arg Pro	
124 325 330 335	
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134	gcc	tct	cga	tat	aac	ctg	acg	atc	tca	gac	gtc	agc	gtg	agt	cat	gtg	1209
135	Ala	Ser	Arg	Tyr	Asn	Leu	Thr	Ile	Ser	Asp	Val	Ser	Val	Ser	His	Val	
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142	atc	qcq	ctq	ctg	gtg	ctg	gtc	tgt	gtt	ctg	gtt	gcg	ctg	gcc	att	gtc	1305
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144					405			-		410					415		
146	tat	ctc	att	qcc	ttq	gct	gtc	tqt	cag	tqc	cqc	cqa	aaq	aac	tac	ggg	1353
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						Pro											
164	Lou	501	-1-		485					490					495		
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DATE: 04/30/2003
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216	Ala	Pro	Asp	Thr	Arg	Pro	Ala	Pro	Gly	Ser	Thr	Ala	Pro	Pro	Ala	${ t His}$
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220	Glv	Val	Thr	Ser	Ala	Pro	Asp	Asn	Arg	Pro	Ala	Leu	Gly	Ser	Thr	Ala
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	1111	PIO	TIIT	1111	245	тта	per	1113	561	250	цуз	T 11T	пор	niu	255	DCI
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	ser	Pro		Leu	ser	THI	GTA		Ser	Phe	Pile	Pile		ser	Pile	птъ
245	_ •	_	275	_	~1	-1		280	a	.	a1		285	a	m1	3
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	_	Tyr	GIn	GIu	Leu		Arg	Asp	Ile	Ser		мет	Pne	ьец	GIN	
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	Tyr	Lys	GIn	GLY		Phe	Leu	GLY	Leu		Asn	пе	гàг	Pne		Pro
257					325	_				330			- •		335	
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281				420					425					430		
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289	-	450		-			455	_				460				
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RAW SEQUENCE LISTING DATE: 04/30/2003 PATENT APPLICATION: US/09/658,621B TIME: 13:04:21

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Output Set: N:\CRF4\04302003\I65862lB.raw

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VERIFICATION SUMMARYDATE: 04/30/2003PATENT APPLICATION:US/09/658,621BTIME: 13:04:23

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